

## CHAPTER 24

## HEAVING/SAFETY LINE

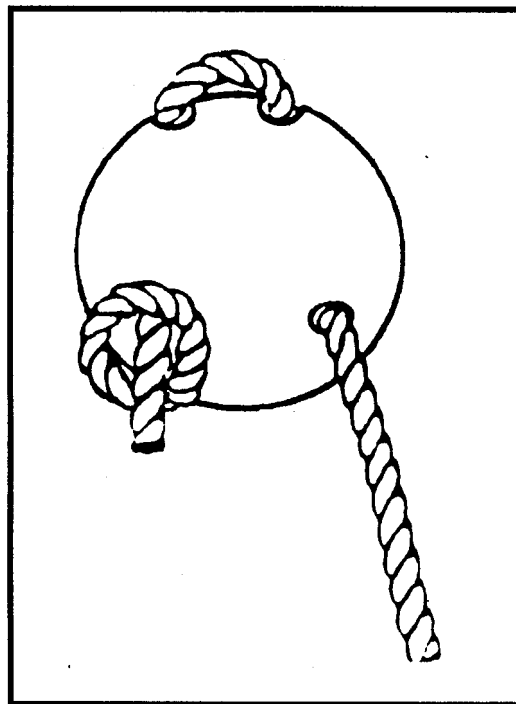
24-1. **GENERAL.** This chapter contains information about the heaving/safety line. The heaving/safety line is authorized aboard US Army watercraft. The heaving/safety line is a two-part item. One part is the weighted ball and the other part is the line itself (see Figure 24-1).

24-2. **DESCRIPTION.** The weighted ball and the line are described below.

a. **Ball, Heaving Line.** The ball is fluorescent orange in color and is approximately 4 1/4 inches in diameter. The ball weighs approximately 10 ounces with a 1/4-inch wall thickness. The ball has two 1/2-inch holes in diameter going through the center which is injection molded airtight into the ball on 1 1/2-inch centers (see Figure 24-1). It is extremely strong and durable and soft to the touch as not to harm anyone while being thrown. It will float with approximately 60 percent of its body out of water.

b. **Line, Heaving/Safety.** The line is made of polypropylene materials with ultraviolet additives. It is called 3/8-inch dual braid, and is woven with an inner and outer core and an outer braid to prevent tangling. The line is soft to the touch, but very strong with an approximately 1500# breaking strength and is 100 percent floatable. The ball maybe used as a fender for small boats. It can also be used to retrieve a person from overboard by sliding the line through the holes in the ball to make a loop.

24-3. **PROCUREMENT.** Order the heaving/safety line by the following: line, heaving/safety, with ball, 100-foot (NSN 4020-01-344-0552).



*Figure 24-1. Heaving/safety line ball*